Newzen Consultants Bangalore

NC/QC/PD/MW-01/2017-18/YC-C1 Date: 26-02-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Additional works to Yoga center (Phase-2) at Survey No.33 Mallasandra in Ward No.13.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

PHYSICAL TESTS ON CEMENT

Brand : ULTRATECH
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**146 min**	Shall not be less than 30 min
2	Final setting time	**251 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.84 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.16 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results) b) 7 days (average of three results)	**28.74 N/Sq mm** **40.31 N/Sq mm**	Shall not be less than 27 N/Sqmm Shall not be less than 37N/Sqmm

*As furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

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